## Method for fabricating a light-emitting device with uniform color temperature

Publication number: DE10135306 (A1) Also published as: Publication date: 2002-08-22 US6395564 (B1) Inventor(s): HUANG WEN-CHIEN ITWI TW490863 (B) Applicant(s): ARIMA OPTOELECTRONICS CORP ITWI JP2002246654 (A) Classification: GB2372149 (A) - international: B41J2/01; H01L33/00; H01L27/15; B41J2/01; H01L33/00; GB2372149 (B) H01L27/15; (IPC1-7): H01L33/00 - European: H01L33/50 Application number: DE20011035306 20010719 Priority number(s): TW20010103012 20010212 Abstract not available for DE 10135306 (A1) Abstract of corresponding document: US 6395564 (B1) The invention provides a method for fabricating a forming a plurality of light-emitting light-emitting diode with uniform color temperature, 100 comprising the steps of: forming a plurality of lightdiodes on a water emitting diodes on a wafer; obtaining the light emission wavelengths of the light-emitting diodes on the wafer; and forming different doses of phosphor on the corresponding light-emitting diode on the measuring the first wavelengths of wafer according to the light emission wavelengths of each UV/blue light-emitting diode on respective light-emitting diodes. Finally, the light-200 emitting diodes on the wafer emit light with uniform the wafer and obtaining the spectrums color temperature. of each diode forming different doses of phosphor 300 on the corresponding UV/blue lightemitting diodes on the wafer dividing the light-emitting diodes on 400 the wafer into a plurality of lightenitting dies packaging each light-emitting die 500 with packaging material